

Att. Dkt. No. 083847-0231
Application No. 10/725,939

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I HEREBY DECLARE:

THAT my residence, post office address, and citizenship are as stated below next to my name;

THAT I believe I am the original, first, and sole inventor (if only one inventor is named below) or an original, first, and joint inventor (if plural inventors are named below or in an attached Declaration) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Fabrication of Solid-State Nanostructures including sub-50 nm Solid-State Nanostructures
Based on Nanolithography and Chemical Etching

(Attorney Docket No. 083847-0231)

the specification of which (check one)

☐ is attached hereto.

☒ was filed on 12/03/2003 as United States Application Number or
PCT International Application Number 10/725,939 and was
amended on _____ (if applicable)

THAT I do not know and do not believe that the same invention was ever known or used by others in the United States of America, or was patented or described in any printed publication in any country, before I (we) invented it;

THAT I do not know and do not believe that the same invention was patented or described in any printed publication in any country, or in public use or on sale in the United States of America, for more than one year prior to the filing date of this United States application;

THAT I do not know and do not believe that the same invention was first patented or made the subject of an inventor's certificate that issued in any country foreign to the United States of America before the filing date of this United States application if the foreign application was filed by me (us), or by my (our) legal representatives or assigns, more than twelve months (six months for design patents) prior to the filing date of this United States application;

THAT I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above;

Atty. Dkt. No. 083847-0231
Application No. 10/725,939

THAT I believe that the above-identified specification contains a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the invention, and sets forth the best mode contemplated by me of carrying out the invention; and

THAT I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I HEREBY CLAIM foreign priority benefits under Title 35, United States Code § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number	Country	Foreign Filing Date	Priority Claimed?	Certified Copy Attached?

I HEREBY CLAIM the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

U.S. Provisional Application Number	Filing Date
60/430,349	12/03/2002
60/207,713	05/26/2000

I HEREBY CLAIM the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the

Atty. Dkt. No. 083847-0231
Application No. 10/725,939

duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application Number	PCT Parent Application Number	Parent Filing Date	Parent Patent Number
09/866,533		05/24/2001	

Application No. 09/866,533 claims priority under 35 U.S.C. § 119(e) to US Provisional application number 60/207,713 filed May 26, 2000.

I HEREBY APPOINT the registered attorneys and agents at Customer Number 23533

Customer Number: 23533

to have full power to prosecute this application and any continuations, divisions, reissues, and reexaminations thereof, to receive the patent, and to transact all business in the United States Patent and Trademark Office connected therewith.

I request that all correspondence be directed to:

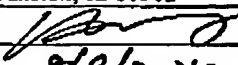
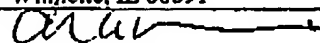
Stephen B. Macbius
FOLEY & LARDNER LLP
Customer Number: 23533

Telephone: (202) 672-5569
Facsimile: (202) 672-5399

I UNDERSTAND AND AGREE THAT the foregoing attorneys and agents appointed by me to prosecute this application do not personally represent me or my legal interests.

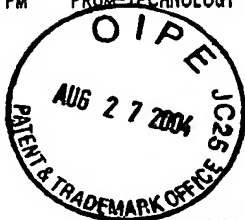
I FURTHER DECLARE THAT all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Atty. Dkt. No. 083847-0231
Application No. 10/725,939

Name of first inventor	Hua Zhang
Residence	Evanston, IL
Citizenship	US
Post Office Address	1228 Oak Avenue Apartment 5 Evanston, IL 60202
Inventor's signature	
Date	8/9/2004
Name of second inventor	Chad A. Mirkin
Residence	Wilmette, IL
Citizenship	US
Post Office Address	111 16th Street Wilmette, IL 60091
Inventor's signature	
Date	
Name of third inventor	Dana Weinberger
Residence	San Diego, CA
Citizenship	US
Post Office Address	4475 Georgia Street San Diego, CA 92116
Inventor's signature	
Date	

Atty. Dkt. No. 083847-0231
Application No. 10/725,939

Name of fourth inventor	Seunghun Hong
Residence	Asia-Seon-Su-Chon APT 6-205 Song-Pa-Gu, Jam-Sil-Dong Seoul, 138-797 Korea (ROK)
Citizenship	South Korea
Post Office Address	Physics, Seoul National University Shilim-Dong, Kwanak-Gu Seoul, 151-747 Korea (ROK)
Inventor's signature	
Date	



Atty. Dkt. No. 083847-0231
Application No. 10/725,939

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I HEREBY DECLARE:

THAT my residence, post office address, and citizenship are as stated below next to my name;

THAT I believe I am the original, first, and sole inventor (if only one inventor is named below) or an original, first, and joint inventor (if plural inventors are named below or in an attached Declaration) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Fabrication of Solid-State Nanostructures including sub-50 nm Solid-State Nanostructures
Based on Nanolithography and Chemical Etching

(Attorney Docket No. 083847-0231)

the specification of which (check one)

 is attached hereto.

 X was filed on 12/03/2003 as United States Application Number or
PCT International Application Number 10/725,939 and was
amended on (if applicable).

THAT I do not know and do not believe that the same invention was ever known or used by others in the United States of America, or was patented or described in any printed publication in any country, before I (we) invented it;

THAT I do not know and do not believe that the same invention was patented or described in any printed publication in any country, or in public use or on sale in the United States of America, for more than one year prior to the filing date of this United States application;

THAT I do not know and do not believe that the same invention was first patented or made the subject of an inventor's certificate that issued in any country foreign to the United States of America before the filing date of this United States application if the foreign application was filed by me (us), or by my (our) legal representatives or assigns, more than twelve months (six months for design patents) prior to the filing date of this United States application;

THAT I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above;

Att. Dkt. No. 083847-0231
Application No. 10/725,939

THAT I believe that the above-identified specification contains a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the invention, and sets forth the best mode contemplated by me of carrying out the invention; and

THAT I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I HEREBY CLAIM foreign priority benefits under Title 35, United States Code § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number	Country	Foreign Filing Date	Priority Claimed?	Certified Copy Attached?

I HEREBY CLAIM the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

U.S. Provisional Application Number	Filing Date
60/430,349	12/03/2002
60/207,713	05/26/2000

I HEREBY CLAIM the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the

Atty. Dkt. No. 083847-0231
Application No. 10/725,939

duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application Number	PCT Parent Application Number	Parent Filing Date	Parent Patent Number
09/866,533		05/24/2001	

Application No. 09/866,533 claims priority under 35 U.S.C. § 119(e) to US Provisional application number 60/207,713 filed May 26, 2000.

I HEREBY APPOINT the registered attorneys and agents at Customer Number 23533

Customer Number: 23533

to have full power to prosecute this application and any continuations, divisions, reissues, and reexaminations thereof, to receive the patent, and to transact all business in the United States Patent and Trademark Office connected therewith.

I request that all correspondence be directed to:

Stephen B. Macbius
FOLEY & LARDNER LLP
Customer Number: 23533

Telephone: (202) 672-5569
Facsimile: (202) 672-5399

I UNDERSTAND AND AGREE THAT the foregoing attorneys and agents appointed by me to prosecute this application do not personally represent me or my legal interests.

I FURTHER DECLARE THAT all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Atty. Dkt. No. 083847-0231
Application No. 10/725,939

Name of first inventor

Hua Zhang

Residence

Evanston, IL

Citizenship

US

Post Office Address

1228 Oak Avenue
Apartment 5
Evanston, IL 60202

Inventor's signature

Date

Name of second inventor

Chad A. Mirkin

Residence

Wilmette, IL

Citizenship

US

Post Office Address

111 16th Street
Wilmette, IL 60091

Inventor's signature

Date

Name of third inventor

Dana Weinberger

Residence

San Diego, CA

Citizenship

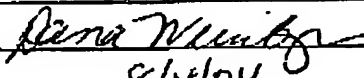
US

Post Office Address

4475 Georgia Street
San Diego, CA 92116

Inventor's signature

Date


8/4/04

Atty. Dkt. No. 083847-0231
Application No. 10/725,939

Name of fourth inventor	Seunghun Hong
Residence	Asia-Seon-Su-Chon APT 6-205 Song-Pa-Gu, Jam-Sil-Dong Seoul, 138-797 Korea (ROK)
Citizenship	South Korea
Post Office Address	Physics, Seoul National University Shilim-Dong, Kwanak-Gu Seoul, 151-747 Korea (ROK)
Inventor's signature	
Date	



Atty. Dkt. No. 083847-0231
Application No. 10/725,939

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I HEREBY DECLARE:

THAT my residence, post office address, and citizenship are as stated below next to my name;

THAT I believe I am the original, first, and sole inventor (if only one inventor is named below) or an original, first, and joint inventor (if plural inventors are named below or in an attached Declaration) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Fabrication of Solid-State Nanostructures including sub-50 nm Solid-State Nanostructures
Based on Nanolithography and Chemical Etching

(Attorney Docket No. 083847-0231)

the specification of which (check one)

_____ is attached hereto.

 X was filed on 12/03/2003 as United States Application Number or
PCT International Application Number 10/725,939 and was
amended on _____ (if applicable).

THAT I do not know and do not believe that the same invention was ever known or used by others in the United States of America, or was patented or described in any printed publication in any country, before I (we) invented it;

THAT I do not know and do not believe that the same invention was patented or described in any printed publication in any country, or in public use or on sale in the United States of America, for more than one year prior to the filing date of this United States application;

THAT I do not know and do not believe that the same invention was first patented or made the subject of an inventor's certificate that issued in any country foreign to the United States of America before the filing date of this United States application if the foreign application was filed by me (us), or by my (our) legal representatives or assigns, more than twelve months (six months for design patents) prior to the filing date of this United States application;

THAT I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above;

THAT I believe that the above-identified specification contains a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the invention, and sets forth the best mode contemplated by me of carrying out the invention; and

THAT I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I HEREBY CLAIM foreign priority benefits under Title 35, United States Code § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number	Country	Foreign Filing Date	Priority Claimed?	Certified Copy Attached?

I HEREBY CLAIM the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

U.S. Provisional Application Number	Filing Date
60/430,349	12/03/2002
60/207,713	05/26/2000

I HEREBY CLAIM the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United

States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application Number	PCT Parent Application Number	Parent Filing Date	Parent Patent Number
09/866,533		05/24/2001	

Application No. 09/866,533 claims priority under 35 U.S.C. § 119(e) to US Provisional application number 60/207,713 filed May 26, 2000.

I HEREBY APPOINT the registered attorneys and agents at Customer Number 23533

Customer Number: 23533

to have full power to prosecute this application and any continuations, divisions, reissues, and reexaminations thereof, to receive the patent, and to transact all business in the United States Patent and Trademark Office connected therewith.

I request that all correspondence be directed to:

Stephen B. Maebius
FOLEY & LARDNER LLP
Customer Number: 23533

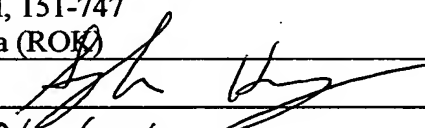
Telephone: (202) 672-5569
Facsimile: (202) 672-5399

I UNDERSTAND AND AGREE THAT the foregoing attorneys and agents appointed by me to prosecute this application do not personally represent me or my legal interests.

I FURTHER DECLARE THAT all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so

made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Name of first inventor	Hua Zhang
Residence	Evanston, IL
Citizenship	US
Post Office Address	1228 Oak Avenue Apartment 5 Evanston, IL 60202
Inventor's signature	
Date	
Name of second inventor	Chad A. Mirkin
Residence	Wilmette, IL
Citizenship	US
Post Office Address	111 16th Street Wilmette, IL 60091
Inventor's signature	
Date	
Name of third inventor	Dana Weinberger
Residence	San Diego, CA
Citizenship	US
Post Office Address	4475 Georgia Street San Diego, CA 92116
Inventor's signature	
Date	

Name of fourth inventor	Seunghun Hong
Residence	Asia-Seon-Su-Chon APT 6-205 Song-Pa-Gu, Jam-Sil-Dong Seoul, 138-797 Korea (ROK)
Citizenship	South Korea
Post Office Address	Physics, Seoul National University Shilim-Dong, Kwanak-Gu Seoul, 151-747 Korea (ROK)
Inventor's signature	
Date	8/20/2004